

**IN THE CLAIMS**

Please amend the claims as follows:

Claim 1 (Previously Presented): A sandwich panel core, wherein  
the core is a 3-D structure formed from a sheet of polymeric paper,  
a binder layer is applied onto both sides of the sheet,  
the sheet includes perforation holes, and  
the binder layers bond to each other at a location of the perforation holes wherein said  
3-D structure is formed by a multiplicity of folds about zigzag bend lines and said perforation  
holes are arranged at and between adjacent bend lines.

Claim 2 (Previously Presented): The sandwich panel core according to Claim 1,  
wherein the binder layers are made of phenol-formaldehyde resin.

Claim 3 (Currently Amended): The sandwich panel core according to Claim 1,  
wherein ~~[[the]]~~ a top binder layer has an inner surface bonded to the paper, and an outer  
unbonded surface.

Claim 4 (Currently Amended): The sandwich panel core according to Claim 1,  
wherein ~~[[the]]~~ a bottom binder layer has an inner surface bonded to the paper, and an outer  
unbonded surface.

Claim 5 (Currently Amended): The sandwich panel core according to Claim 1,  
formed by a process comprising:

applying binder layers to ~~the top and bottom~~ both sides of the paper in a liquid state;  
bonding the binder layers to each other at locations of the perforation holes; and



thermally hardening the binder layers.